

AGRICULTURAL NEWS: Much needed rain early in the week followed by much cooler than usual temperatures reduced stress and improved crop conditions across much of the State. Eastern areas remain very dry, and most areas of the State need good rains soon for crops to have good yield potential. **Topsoil moisture** as of Friday, June 18 was rated 18 percent very short, 32 percent short, 48 percent adequate and 2 percent surplus. **Subsoil moisture** was rated 21 percent very short, 39 percent short, 38 percent adequate and 2 percent surplus. Days suitable for fieldwork averaged 5.0 out of a possible six days. Major activities for the week included small grain harvest and seeding double crop soybeans. Disease and insect pressure is increasing on growing crops, but no major concerns have been reported to date. Small grain harvest is getting into full swing with yield and test weights ranging from fair to excellent.

CORN: Early seeded corn is beginning to silk and is in good to excellent condition. Rains this week improved the condition of the crop with 3 percent rated poor, 17 percent fair, 55 percent good and 25 percent excellent. A few problems were noted with Japanese beetles, and grass in corn fields.

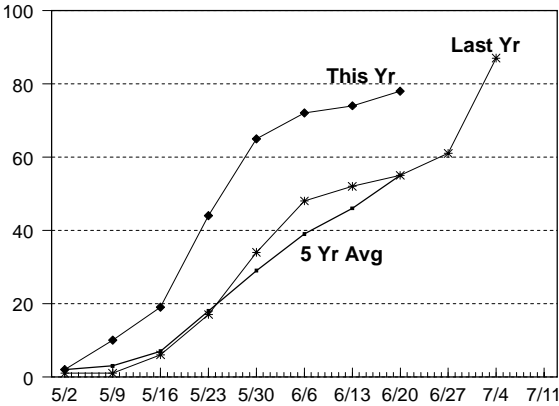
SOYBEANS: Seeding of double crop soybeans advanced to 22 percent complete by the end of the week, and nearly all of the single crop soybeans are in the ground. About 78 percent of the total soybean crop has been planted, well ahead of the 55 percent reported for both last year and average. About 76 percent of the crop had emerged as of June 20, compared with 46 percent a year ago and the average of 47. Condition of emerged beans was reported as 1 percent very poor, 2 percent poor, 16 percent fair, 58 percent good, and 23 percent in excellent condition.

TOBACCO: Improved soil moisture is needed to finish transplanting tobacco in some areas. **Burley** acreage set reached 97 percent complete as of Sunday, June 20. This compares with 78 percent for last year and the five-year average of 77. **Dark tobacco** setting advanced to 96 percent complete compared with 86 percent last year and the average of 84. Rain improved the condition of set tobacco with 2 percent very poor, 6 percent poor, 32 percent fair, 46 percent good and 14 percent excellent. Black shank seems to be the most common problem, but flea beetles are beginning to show up, and a few reports of blue mold have been received. Plant growth improved with needed moisture, with 5 percent of set tobacco over 24 inches tall. About 26 percent is from 12 - 24 inches high and 69 percent under 12 inches in height.

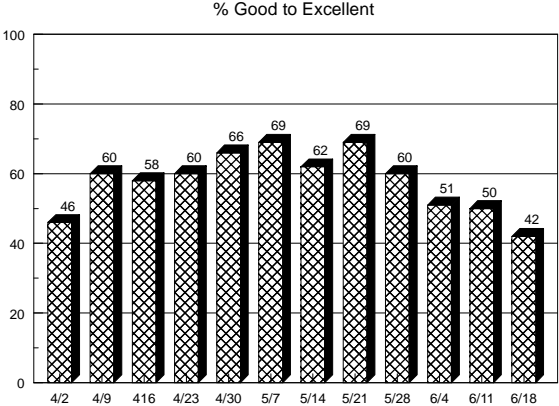
SMALL GRAINS: **Wheat** harvest made good progress this week and was 40 percent complete as of Sunday, June 20, well ahead of last years 26 percent and the five-year average of 21. Early yields and test weights were mostly good to excellent. **Barley** harvest was 95 percent complete.

OTHER CROPS: **Sorghum** planting was 85 percent complete as of Sunday, June 20. Producers have put up about 31 percent of second crop **alfalfa**. Although rain was received over much of the State, **pasture** conditions continue to decline. As of Friday, June 18, pastures were rated 5 percent very poor, 19 percent poor, 34 percent fair, 36 percent good and 6 percent in excellent condition. Stock water supplies continue to be a concern in central and eastern areas.

SOYBEAN PLANTING PROGRESS



PASTURE CONDITION



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 20, 1999

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Planted	78	55	55	74	91
Emerged	76	46	47	65	81
Burley Tobacco Set	97	78	77	93	NA
Dark Tobacco Set	96	86	84	86	NA
Wheat					
Harvested	40	26	21	5	10

(NA) Data Not Available

SOIL MOISTURE

WEEK ENDING JUNE 18, 1999

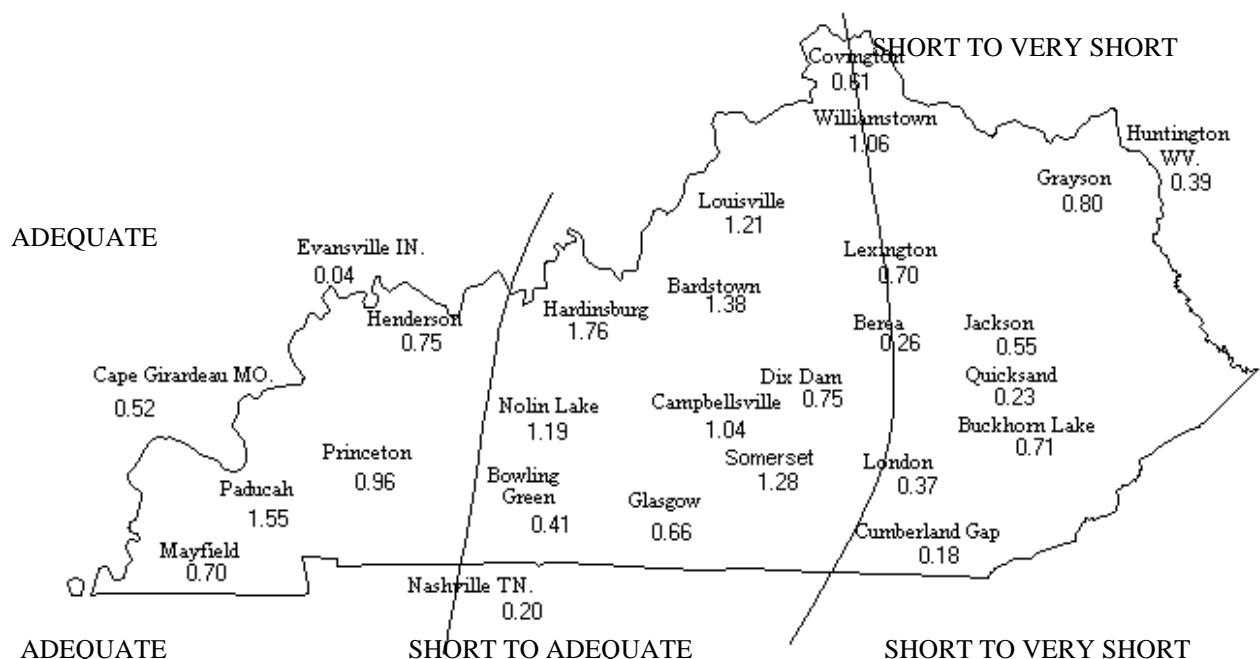
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	18	25
Short	32	38
Adequate	48	35
Surplus	2	2
SUBSOIL		
Very Short	21	28
Short	39	32
Adequate	38	38
Surplus	2	2

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 18, 1999					WEEK ENDING JUNE 11, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	0	3	17	55	25	0	5	17	57	21
Soybeans	1	2	16	58	23	1	5	19	54	21
Pasture	5	19	34	36	6	4	16	30	42	8
Set Tobacco	2	6	32	46	14	3	12	28	46	11

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 20, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 18, 1999



KENTUCKY WEATHER SUMMARY, JUNE 14 - 20, 1999:

BELOW NORMAL Temperatures and Rainfall:

Cooler than normal temperatures settled into the Bluegrass State last week with RECORD to NEAR RECORD low temperatures during the second half of the week. Welcomed rainfall on Monday (6/14) benefitted crops in most areas of the state. But the remainder of the week was generally dry with the weekly rainfall total BELOW NORMAL. The Palmer Drought Severity Index changed little last week due to last week's one-day rainfall event and continued to place the Bluegrass and Eastern sections of the state in the moderate drought category. Temperatures for the week averaged 68 degrees across the state which was 6 degrees BELOW NORMAL and 10 degrees cooler than the previous week. High temperatures averaged from 79 in the West to 78 in the East. Departure from normal high temperatures ranged from 8 degrees BELOW NORMAL in the West to 6 degrees BELOW NORMAL in the East. Low temperatures averaged from 58 degrees in the West to 56 degrees in the East. Departure from normal low temperature were 6 degrees BELOW NORMAL across the state. Extreme high temperatures were in the mid 80's on the weekend and extreme low temperatures were in the upper 40's to low 50's. Rainfall for the week totaled 0.77 inches statewide which was 0.12 inches BELOW NORMAL. Precipitation totals by climate division, West 0.75 inches, Central 1.10 inches, Bluegrass 0.66 inches and East 0.56 inches, which was -0.10, +0.18, -0.21 and -0.35 inches respectively from normal. By station, precipitation totals ranged from a low of 0.18 inches at Cumberland Gap in the Southeast to a high of 1.76 inches at Hardinsburg in Central Kentucky.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

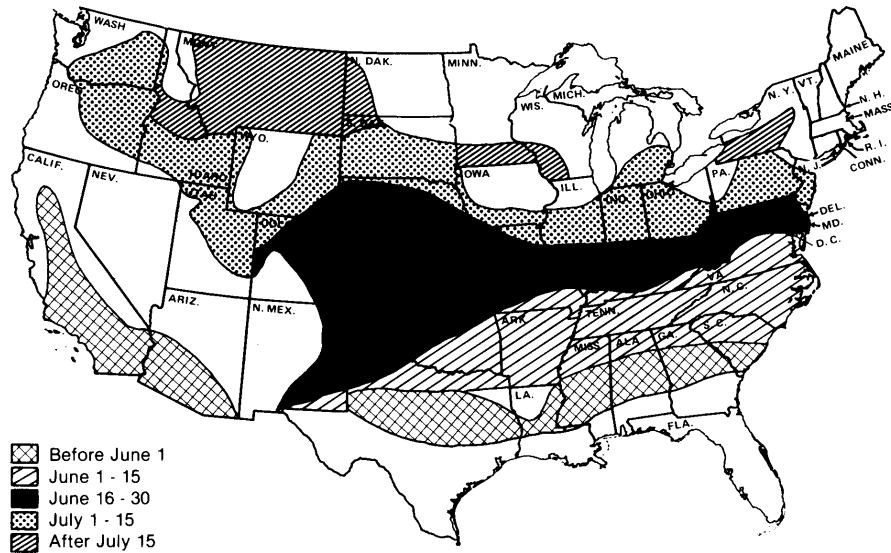
FOR WEEK ENDING SUNDAY, JUNE 20, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr.1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	1.38	8.60	2.57	-2.19	-1.02	83	51	68.1	-6	125	1264	+59
Berea	0.26	7.88	2.75	-3.82	-1.12	86	46	69.0	-4	133	1313	+77
Bowling Green	0.41	6.85	2.23	-5.19	-1.82	85	52	70.1	-4	138	1382	+126
Bristol	0.61	6.03	1.43	-3.53	-1.94	85	47	67.9	-5	124	1178	+54
Buckhorn Lake	0.71	7.56	1.99	-3.07	-1.84	86	47	66.8	-6	119	1242	+158
Cape Girardeau	0.52	9.92	2.73	-2.01	-0.92	82	53	68.2	-7	127	1319	+12
Campbellsville	1.04	9.55	2.87	-3.15	-1.24	83	50	67.9	-6	124	1327	+111
Covington	0.61	6.52	1.96	-4.07	-1.70	84	48	66.5	-6	114	1123	+49
Cumberland Gap	0.18	6.77	1.34	-4.96	-2.74	86	49	68.9	-4	131	1249	+145
Dix Dam	0.75	7.48	2.67	-3.93	-1.00	85	50	68.5	-4	128	1246	+41
Evansville	0.04	11.23	3.58	+0.13	+0.03	81	50	67.4	-8	121	1251	+25
Glasgow	0.66	8.21	2.55	-4.47	-1.82	84	51	69.1	-5	132	1434	+258
Grayson	0.80	8.18	2.64	-2.27	-1.02	83	43	65.8	-7	113	1266	+243
Hardinsburg	1.76	12.31	4.28	+0.60	+0.50	84	50	66.9	-7	116	1245	-11
Henderson	0.75	12.15	4.31	+0.81	+0.61	83	51	68.8	-7	130	1338	+82
Huntington	0.39	4.93	1.17	-5.40	-2.40	85	49	67.7	-5	123	1246	+142
Jackson	0.55	7.25	1.96	-3.88	-1.74	82	52	65.9	-7	109	1251	+167
Lexington	0.70	5.62	2.44	-5.17	-1.15	85	52	67.6	-5	122	1216	+122
London	0.37	7.63	1.64	-2.96	-1.87	83	48	67.1	-6	119	1243	+139
Louisville	1.21	10.07	2.68	-1.09	-0.82	84	51	68.4	-5	125	1274	+48
Mayfield	0.70	10.26	2.85	-2.05	-0.69	83	50	68.6	-7	128	1328	+11
Nashville	0.20	8.67	1.77	-2.96	-1.87	85	57	71.9	-2	151	1477	+140
Nolin Lake	1.19	8.78	3.03	-3.84	-1.00	85	52	69.1	-5	133	1338	+173
Paducah	1.55	14.66	5.10	+2.01	+1.13	82	52	68.9	-7	131	1352	+45
Princeton	0.96	11.36	2.65	-0.97	-1.20	82	53	69.0	-7	132	1459	+173
Quicksand	0.23	6.63	1.53	-4.50	-2.17	86	46	66.4	-7	116	1243	+159
Somerset	1.28	13.03	3.39	+0.78	-0.75	83	49	67.0	-6	117	1251	+66
Spindletop	0.60	4.37	1.16	-6.42	-2.43	85	52	67.1	-6	119	1185	+91
Williamstown	1.06	5.16	2.26	-5.91	-1.39	85	51	67.6	-5	120	1241	+147

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

WINTER WHEAT

USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE UNITED STATES



WINTER WHEAT, SELECTED STATES & U.S., JUNE 1, 1999

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1998	Ind. 1999	1998	Ind. 1999	1997	1998	Ind. 1999
	(1,000 Acres)		(Bushels)		(1,000 Bushels)		
Colorado	2,550	2,400	39.0	37.0	86,400	99,450	88,800
Illinois	1,200	1,020	48.0	55.0	66,490	57,600	56,100
Indiana	650	510	55.0	60.0	36,540	35,750	30,600
Kansas	10,100	9,200	49.0	43.0	501,400	494,900	395,600
KENTUCKY	550	470	45.0	55.0	22,680	24,750	25,850
Missouri	1,250	950	46.0	49.0	58,320	57,500	46,550
Montana	1,250	1,000	39.0	40.0	55,100	48,750	40,000
Nebraska	1,800	1,900	46.0	42.0	70,300	82,800	79,800
Ohio	1,160	1,030	64.0	62.0	68,670	74,240	63,860
Oklahoma	5,100	4,500	39.0	33.0	169,600	198,900	148,500
Oregon	790	640	67.0	58.0	53,790	52,930	37,120
Tennessee	370	300	41.0	50.0	16,200	15,170	15,000
Texas	3,900	3,400	35.0	33.0	118,900	136,500	112,200
Washington	2,100	1,800	65.0	62.0	141,900	136,500	111,600
U.S.	40,126	36,043	46.9	44.7	1,845,528	1,880,605	1,611,599